



Leaf in the Wind

by Arya Akhavan (November 2013)

Angles for R.I. = 1.540

41 + 12 girdles = 53 facets

2-fold radial symmetry

96 index

L/W = 1.475 T/W = 0.866 U/W = 0.450

P/W = 0.472 C/W = 0.161

Vol./W³ = 0.366

PAVILION

P1	43.32°	96-48	Cut facets to even depth.
P2	42.78°	03-51	Cut facets to form centered culet.
G1	90.00°	96-48	Set stone width.
G2	90.00°	03-51	Level girdle.
P3	42.17°	04-52	Meet at culet.
P4	43.32°	09-57	Meet P2, G2, P3
P5	42.21°	12-60	Meet P1, P3, P4
G3	90.00°	09-57	Level girdle.
G4	90.00°	15-63	Meet P4, P5, G3
P6	43.32°	15-63	Level girdle.
P7	41.98°	18-66	Meet P1, P5, P6
P8	43.32°	21-69	Meet G4, P6, P7
P9	41.50°	24-72	Meet P1, P7, P8
G5	90.00°	21-69	Level girdle.
G6	90.00°	27-75	Meet P8, P9, G5
P10	43.32°	27-75	Level girdle.

CROWN

C1	33.97°	96-48	Set girdle width.
C2	33.46°	45-93	Level girdle.
C3	35.57°	39-87	Level girdle.
C4	33.97°	33-81	Level girdle.
C5	29.73°	27-75	Level girdle.
C6	32.43°	21-69	Level girdle.
C7	31.88°	36-84	Meet G3, G4, C3, C4
C8	27.94°	26-74	Meet G5, G6, C5, C6; C4, C5, C7
C9	27.82°	25-73	Meet G5, G6, C5, C6, C8
C10	24.56°	96-48	Meet C1, C6, C9; C2, C3, C7
T	0.00°	Table	Meet C2, C3, C7, C10; C4, C5, C7, C8; C8, C9, C10

This inordinately frustrating design is unique in that it has a curved girdle, something I don't recall ever seeing in a published design that can be cut in a meetpoint method. There are multiple tricky meetpoints, so be careful.

Works in materials from quartz to spinel (RI = 1.54 - 1.72) with no changes, but I prefer it in golden beryl.

Suggested length = 8-15 mm

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